

## Product datasheet for **SC117661**

### CCRL2 (NM\_003965) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CCRL2 (NM_003965) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCRL2
Synonyms:	ACKR5; CKRX; CRAM; CRAM-A; CRAM-B; HCR
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117661 sequence for NM_003965 edited (data generated by NextGen Sequencing)

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ATGGCCAATTACACGCTGGCACCAGAGGATGAATATGATGTCCTCATAGAAGGTGAAGTGA
GAGAGCGATGAGGCAGAGCAATGTGACAAGTATGACGCCAGGCACTCTCAGCCAGCTG
GTGCCATCACTCTGCTCTGCTGTGTTTGTGATCGGTGTCCTGGACAATCTCCTGGTTGTG
CTTATCCTGGTAAAATATAAAGGACTCAAACGCGTGAAAATATCTATCTTCTAACTTG
GCAGTTTCTAACTTGTGTTTCTTGCTTACCCTGCCCTTCTGGGCTCATGCTGGGGCGAT
CCCATGTGTAATAATTCTCATTGGACTGTACTTCGTGGCCTGTACAGTGAGACATTTTTC
AATTGCCCTTCTGACTGTGCAAAGGTACCTAGTGTTTTTGCACAAGGGCAACTTTTTCTCA
GCCAGGAGGAGGGTGCCCTGTGGCATCATTACAAGTGCCTGGCATGGGTAACAGCCATT
CTGGCCACTTTGCCTGAATACGTGGTTTATAAACCTCAGATGGAAGACCAGAAATACAAG
TGTGCATTTAGCAGAACTCCCTTCTGCCAGCTGATGAGACATTCTGGAAGCATTCTCTG
ACTTTAAAAATGAACATTTTCGGTTCTTGTCTCCCTATTTATTTTACATTTCTCTAT
GTGCAATGAGAAAAACACTAAGGTTTCAGGGAGCAGAGGTATAGCCTTTTCAAGCTTGT
TTTGCCATAATGGTAGTCTTCTCTGATGTGGGCGCCCTACAATATTGCATTTTCTCTG
TCCACTTTCAAAGAACTTCTCCCTGAGTGACTGCAAGAGCAGCTACAATCTGGACAAA
AGTGTTTACATCACTAACTCATCGCCACCACCACTGCTGCATCAACCTCTCCTGTAT
GCGTTTCTTGATGGGACATTTAGCAAATACCTCTGCCGCTGTTTCCATCTGCGTAGTAAC
ACCCCACTTCAACCCAGGGGCGAGTCTGCACAAGGCACATCGAGGGAAGAACCTGACCAT
TCCACCGAAGTGTA

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Clone variation with respect to NM\_003965.4  
408 a=>c;500 t=>a



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_003965 unedited</p> <pre>GGCAGCATATTTGTATACGACTCACTATTAGGGCGGCCGCGATTCCGGCACCAGAGGAAAC ACTTCCCAGGTTGCTTTCAGACGCTTCAGAGATCCTCTGGAGGCCTGGGGGAGCTTTTGAG TACTTTATTTTCAGTTGGTCCCTGAGCTCGGTGAGTGGGGCGGGTAGAGCCACCAGGGGAA TCAACAGTGGTTTCTCGTGCCCCCAGGGTCAGGAGCAGTCTGATCAAAAGGAGGGCAGC CACTGTCCGGGGCCATTCCCACAGCTCCCGGATGCTGGGTCTGGAGGCTGCGCCCTTCCC CTGCAGGAGCTCAGCCCAGTGGTAAGTCATCTGTGTGCATCTATGTATTTAACCCCTTA TGCCCATGTTGATGCTGAGCATGGTTTCACTTTTGCAAACATTTATTTATACCCTTCGAG AGAAAAACGTCTCAGCTGTCACAGGAAGCTGCTTCGGGGGGTGAGCAAACTTTTTAAAAT GCAGAAATTATGATCTACACCCGTTTCTTAAAAGTAAGCCATCGTACTTGGTTCTCTTTA ATTATATATTTTCTTACATATTGTGTTTCATGTAGGCAAGTCTGTTTCTGCTAAAAGAAG GTAAGTTCTACCAAGGCGGTGTCATGCCAGCTTTATTTCCCGTGGCACCTGGCACACTGC TAAGCACTTACATGCTTAACTAGATTGGGAATGGTGTGCTCTGGGGAAGTGGGCAC ACGTTAAAGAAATGTTTATTTTCAGTCTTCTGAAATAGGGAATTACTCTGGCTAAAATGTA GCTCCAGAAAGGAAAGTGGGGCTGTATGAATCCAGGTCCAGTTTGTGTTTCTCCAGG ATAAGCAGCTGTCCGAGGGGAAACATTTCCCATTTCTCCACAGGCAGTTTGAAGAGGGC AATACCCGCTGGCCAGAGATGAAATGAT</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_003965 unedited</p> <pre>GGGTGGGGTCCACNNGTAATTCAAAACCCCTTCGGGGAACCTTCTTTTCGTTTGTG CCCAGGTTTGGNAGTTTGAGTCTGGNCCAATCGTAGGCTCTGAGCAAAGCTACCAGGCT GGAGAATCAGTTCTGCCACTTCCAGTTATGTGATCTTAGACAAATTTCCGCGCCTTAGT TTTCTTCTCAGAGAAATGAGACTAGTCCATCCACACTATGGACAAGTGGTAGGAGGCGA AGGAGCTCACGTTTGTAAGAGCCTTGCACGGTGCCTGAGACAAATTCAGTGCTTAGCAA ATGTTAGCTCACCTCTCCCTTTTCTTCCCTGTATCCGATTTTGTATACAAATGTGTAGAAA ATTTACATGAAATAATGCAGAAAGATGAAAATCCATGTTTATTCTTTCATTTGGTGG ATGCTAGTTTACACTTCGGTGGAAATGGTCAGGTTCTTCCCTCGATGTGCCTTGTGCAGAC TGCCCCCTGGGTTGAAGTGGGGTGTACTACGCAGATGAAAACAGCGGCAGAGGTATTTG CTAAATGTCCCATCAAGAAACGCATACAGGAGAGGGTTGATGCAGCAGTGGGTGGTGGCG ATGAGTTTAGTGATGTGAACACTTTTGTCCAGATTGTAGCTGCTTTGCAGTCACTCANG GAGAAGTGTCTTTGAAAGTGGACAGGGAAAAATGCAATATTGTAGGGCGCCACATCAG AAAGAAGACTACCATATATGGCCAAAAACAAGCTTTGAAAAGGCTATACCTTTGCTTCCC TGAACCTTAGTGTTTTTCTCATTGTCACATAGAGAAATGAAAAATAAATAGGGCGAGG ACAAGAACCGAAAGTTCATATTTAAAGTCAGAAAATGCTTCCAGAATGTCTCATTCACT GGCAGGAAAGAAGTTTGTCTAATGCACACTTGTTTTTTTGG</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_003965
<b>Insert Size:</b>	2500 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_003965.2](#), [NP\\_003956.1](#)

**RefSeq Size:** 1645 bp

**RefSeq ORF:** 1035 bp

**Locus ID:** 9034

**UniProt ID:** [O00421](#)

**Cytogenetics:** 3p21.31

**Domains:** 7tm\_1

**Protein Families:** Druggable Genome, GPCR, Transmembrane

**Gene Summary:** This gene encodes a chemokine receptor like protein, which is predicted to be a seven transmembrane protein and most closely related to CCR1. Chemokines and their receptors mediated signal transduction are critical for the recruitment of effector immune cells to the site of inflammation. This gene is expressed at high levels in primary neutrophils and primary monocytes, and is further upregulated on neutrophil activation and during monocyte to macrophage differentiation. The function of this gene is unknown. This gene is mapped to the region where the chemokine receptor gene cluster is located. [provided by RefSeq, Jul 2008]  
Transcript Variant: This variant (1) represents the shortest transcript but encodes the longer isoform (1).